INDEX

Allen, J. J. & Naitoh, T. Scaling and instability of a junction vortex, 1–23

Armfield, S. W. *See* Lin, Armfield & Patterson

Babiano, A. & Provenzale, A. Coherent vortices and tracer cascades in two-dimensional turbulence, 429–448

Bahloul, A., Vasseur, P. & Robillard, L. Convection of a binary fluid saturating a shallow porous cavity subjected to cross heat fluxes, 317–342

Boiron, O., Deplano, V. & Pelissier, R. Experimental and numerical studies on the starting effect on the secondary flow in a bend, 109–129

Camarri, S. & Giannetti, F. On the inversion of the von Kármán street in the wake of a confined square cylinder, 169–178

Chen, H., Orszag, S. A. & Straroselsky, I. Macroscopic description of arbitrary Knudsen number flow using Boltzmann–BGK kinetic theory, 495–505

Christensen, K. T. *See* Natrajan, Wu & Christensen

Cowen, E. A. *See* Liu, Park & Cowen

Dandois, J., Garnier, E. & Sagaut, P. Numerical simulation of active separation control by a synthetic jet, 25–58

Deplano, V. *See* Boiron, Deplano & Pelissier

Devauchelle, O., Josserand, C. & Zaleski, S. Forced dewetting on porous media, 343–364

Ermanyuk, E. V. & Gavrilov, N. V. A note on the propagation speed of a weakly dissipative gravity current, 393–403

Esler, J. G., Rump, O. J. & Johnson, E. R. Non-dispersive and weakly dispersive single-layer flow over an axisymmetric obstacle: the equivalent aerofoil formulation, 209–237

Garnier, E. *See* Dandois, Garnier & Sagaut

Gavrilov, N. V. *See* Ermanyuk & Gavrilov

Giannetti, F. *See* Camarri & Giannetti

Guala, M., Liberzon, A., Tsinober, A. & Kinzelbach, W. An experimental investigation on Lagrangian correlations of small-scale turbulence at low Reynolds number, 405–427

Hurther, D., Lemmin, U. & Terray, E. A. Turbulent transport in the outer region of rough-wall open-channel flows: the contribution of large coherent shear stress structures (LC3S), 465–493

Johnson, E. R. *See* Esler, Rump & Johnson

Josserand, C. *See* Devauchelle, Josserand & Zaleski

Kay, A. Warm discharges in cold fresh water. Part 1. Line plumes in a uniform ambient, 239–271

Kinzelbach, W. *See* Guala, Liberzon, Tsinober & Kinzelbach

Lemmin, U. *See* Hurther, Lemmin & Terray

Liberzon, A. *See* Guala, Liberzon, Tsinober & Kinzelbach

Lin, W., Armfield, S. W. & Patterson, J. C. Cooling of a $Pr < 1$ fluid in a rectangular container, 85–108

Liu, P. L.-F., Park, Y. S. & Cowen, E. A. Boundary layer flow and bed shear stress under a solitary wave, 449–463

Mahesh, K. *See* Muppidi & Mahesh

Muppidi, S. & Mahesh, K. Direct numerical simulation of round turbulent jets in crossflow, 59–84

Naitoh, T. *See* Allen & Naitoh

INDEX

Allen, J. J. & Naitoh, T. Scaling and instability of a junction vortex, 1–23

Armfield, S. W. *See* Lin, Armfield & Patterson

Babiano, A. & Provenzale, A. Coherent vortices and tracer cascades in two-dimensional turbulence, 429–448

Bahloul, A., Vasseur, P. & Robillard, L. Convection of a binary fluid saturating a shallow porous cavity subjected to cross heat fluxes, 317–342

Boiron, O., Deplano, V. & Pelissier, R. Experimental and numerical studies on the starting effect on the secondary flow in a bend, 109–129

Camarri, S. & Giannetti, F. On the inversion of the von Kármán street in the wake of a confined square cylinder, 169–178

Chen, H., Orszag, S. A. & Straroselsky, I. Macroscopic description of arbitrary Knudsen number flow using Boltzmann–BGK kinetic theory, 495–505

Christensen, K. T. *See* Natrajan, Wu & Christensen

Cowen, E. A. *See* Liu, Park & Cowen

Dandois, J., Garnier, E. & Sagaut, P. Numerical simulation of active separation control by a synthetic jet, 25–58

Deplano, V. *See* Boiron, Deplano & Pelissier

Devauchelle, O., Josserand, C. & Zaleski, S. Forced dewetting on porous media, 343–364

Ermanyuk, E. V. & Gavrilov, N. V. A note on the propagation speed of a weakly dissipative gravity current, 393–403

Esler, J. G., Rump, O. J. & Johnson, E. R. Non-dispersive and weakly dispersive single-layer flow over an axisymmetric obstacle: the equivalent aerofoil formulation, 209–237

Garnier, E. *See* Dandois, Garnier & Sagaut

Gavrilov, N. V. *See* Ermanyuk & Gavrilov

Giannetti, F. *See* Camarri & Giannetti

Guala, M., Liberzon, A., Tsinober, A. & Kinzelbach, W. An experimental investigation on Lagrangian correlations of small-scale turbulence at low Reynolds number, 405–427

Hurther, D., Lemmin, U. & Terray, E. A. Turbulent transport in the outer region of rough-wall open-channel flows: the contribution of large coherent shear stress structures (LC3S), 465–493

Johnson, E. R. *See* Esler, Rump & Johnson

Josserand, C. *See* Devauchelle, Josserand & Zaleski

Kay, A. Warm discharges in cold fresh water. Part 1. Line plumes in a uniform ambient, 239–271

Kinzelbach, W. *See* Guala, Liberzon, Tsinober & Kinzelbach

Lemmin, U. *See* Hurther, Lemmin & Terray

Liberzon, A. *See* Guala, Liberzon, Tsinober & Kinzelbach

Lin, W., Armfield, S. W. & Patterson, J. C. Cooling of a $Pr < 1$ fluid in a rectangular container, 85–108

Liu, P. L.-F., Park, Y. S. & Cowen, E. A. Boundary layer flow and bed shear stress under a solitary wave, 449–463

Mahesh, K. *See* Muppidi & Mahesh

Muppidi, S. & Mahesh, K. Direct numerical simulation of round turbulent jets in crossflow, 59–84

Naitoh, T. *See* Allen & Naitoh

Natrajan, V. K., Wu, Y. & Christensen, K. T. Spatial signatures of retrograde spanwise vortices in wall turbulence, 155–167

Orszag, S. A. *See* Chen, Orszag & Straroselsky

Park, Y. S. *See* Liu, Park & Cowen

Patterson, J. C. *See* Lin, Armfield & Patterson

Pelissier, R. *See* Boiron, Deplano & Pelissier

Provenzale, A. *See* Babiano & Provenzale

Reznik, S. N., Salalha, W., Yarin, A. L. & Zussman, E. Microscale fibre alignment by a three-dimensional sessile drop on a wettable pad, 179–207

Robillard, L. *See* Bahloul, Vasseur & Robillard

Rump, O. J. *See* Esler, Rump & Johnson

Sagaut, P. *See* Dandois, Garnier & Sagaut

Salalha, W. *See* Reznik, Salalha, Yarin & Zussman

Straroselsky, I. *See* Chen, Orszag & Straroselsky

Terray, E. A. *See* Hurther, Lemmin & Terray

Tsinober, A. *See* Guala, Liberzon, Tsinober & Kinzelbach

Vasseur, P. *See* Bahloul, Vasseur & Robillard

Voisin, B. Lee waves from a sphere in a stratified flow, 273–315

Vorobev, A. & Zikanov, O. Instability and transition to turbulence in a free shear layer affected by a parallel magnetic field, 131–154

Wang, L. *See* Wu, Wang & Wu

Wu, C.-J., Wang, L. & Wu, J.-Z. Suppression of the von Kármán vortex street behind a circular cylinder by a travelling wave generated by a flexible surface, 365–391

Wu, J.-Z. *See* Wu, Wang & Wu

Wu, Y. *See* Natrajan, Wu & Christensen

Yarin, A. L. *See* Reznik, Salalha, Yarin & Zussman

Zaleski, S. *See* Devauchelle, Josserand & Zaleski

Zikanov, O. *See* Vorobev & Zikanov

Zussman, E. *See* Reznik, Salalha, Yarin & Zussman